IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Northrop	Grumman	Corporati	9n	
Serial No.:	Unknown)	Group Art Unit:
Filed: Here	ewith)	Examiner:
For: _{UNAT}	TENDED GRO	OUND SENS	SOR))	
)	

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

I hereby appoint Kit M. Stetina, Reg. No. 29,445; Bruce B. Brunda, Reg. No. 28,497; Mark B. Garred, Reg. No. 34,823; William J. Brucker, Reg. No. 35,462; Matthew A. Newboles, Reg. No. 36,224; Thomas C. Naber, Reg. No. 26,777; Eric L. Tanezaki, Reg. No. 40,196; Lowell Anderson, Reg. No. 30,990; In H. Kim, Reg. No. 44,184; Marlene Klein, Reg. No. 43,718; Stephen T. Bang, Reg. No. P-48,926; and J. Ronald Richebourg, Reg. No. 26,642 of the Law Offices of Stetina Brunda Garred & Brucker located at 75 Enterprise, Suite 250, Aliso Viejo, California 92656, Telephone No. (949) 855-1246, as associate attorneys and agents, with full power, to prosecute this application, and to transact all business in the Patent and Trademark Office connected with this application.

All future communications should continue to be addressed to the undersigned.

Respectfully submitted,

Date: January 28, 2004

Terry J. Anderson Registration No. 24,271

Karl J. Hoch, Jr.

Registration No. 34,181

NORTHROP GRUMMAN CORPORATION Intellectual Property Department M/S 30/110/31 1840 Century Park East Los Angeles, CA 90067-2199 (310)332-5666

DECLARATION FOR UTILITY OR	Attorney D cket Number	NORTH 471A
DESIGN	First Named Inv nt r	Jerome C. Kolarczyk
PATENT APPLICATION	COMPLETE	IF KNOWN
(37 CFR 1.63)	Application Number	/
X Declaration Declaration	Filing Date	
Submitted OR Submitted after Initial with Initial Filing (surcharge	Art Unit	
Filing (37 ČFR 1.16 (e)) required)	Examiner Name	
As the below named inventor, I hereby declare that:		
My residence, mailing address, and citizenship are as stated below	next to my name.	

As the below named inventor, I her	reby declare that:			
My residence, mailing address, and c	citizenship are as stated belo	ow next to my name.		
I believe I am the original and first inv	ventor of the subject matter	which is claimed and for wh	ich a patent is soug	ght on the invention entitled:
U	NATTENDED GRO	OUND SENSOR ASS	SEMBLY	
4				
	(Title of the	Invention)	·	*
the specification of which	·			
X is attached hereto				
OR F				
was filed on (MM/DD/YYYY)		as United States A	Application Number	or PCT International
L				
Application Number	and was amend	ded on (MM/DD/YYYY)	•	(if applicable).
I hereby state that I have reviewed an	ad understand the contents	of the above identified speci	fication including t	he claime as amended by
any amendment specifically referred to		of the above identified speci-	ilication, including t	ne Galms, as amended by
I acknowledge the duty to disclose info applications, material information which	ormation which is material to became available between	p patentability as defined in a the filing date of the prior a	37 CFR 1.56, inclu	ding for continuation-in-part national or PCT
international filing date of the continua	ation-in-part application.			
I hereby claim foreign priority benefits breeder's rights certificate(s), or 365(s)	 a) of any PCT international 	I application which designa	ted at least one co	ountry other than the United
States of America, listed below and h breeder's rights certificate(s), or any claimed.	PCT international applicati	ion having a filing date bef	ore that of the ap	plication on which priority is
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
		* *-		
Additional foreign application num	nbers are listed on a supple	emental priority data sheet P	TO/SB/02B attache	ed hereto:

[Page 1 of 2]

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Num or Bar Code La			OR X Corre	respondence address below
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C untry USA	Telephone (949) 85	55-1246		Fax (949)855-6371
I hereby declare that all statements made herein of my are believed to be true; and further that these statem made are punishable by fine or imprisonment, or both validity of the application or any patent issued thereon.	ments were made with h, under 18 U.S.C. 10	th the knowledge	that willful false	statements and the like so
NAME OF SOLE OR FIRST INVENTOR:	A petition h	as been filed	for this unsign	ned inventor
Given Name (first and middle [if any]) Jerome C.		Family Name or Surname	Kolarczyk	
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Additional inventors are being named on the	supplemental Additio	nal Inventor(s) s	heet(s) PTO/SB/0	2A attached hereto.

DECLARATION — Utility or Design Patent Application

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I hereby declare that all statements made herein of my care believed to be true; and further that these statemen made are punishable by fine or imprisonment, or both, uvalidity of the application or any patent issued thereon.	nts were made with	i the knowleda:	e that willful false	statements and the like so
NAME OF SOLE OR FIRST INVENTOR :	A petition ha	as been filed	d for this unsign	ned inventor
Given Name (first and middle [if any]) Jerome C.		Family Name or Surname	Kolarczyk	
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Residence: City Crystal Lake	State IL	Count	try USA	Citizenship USA
Mailing Address 1380 Boxwood Dr.	·			Y
City Crystal Lake	State IL	ZIP 6	50014	Country USA
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Mailing Address 6119 Barnard Mill			· · ·	
City Ringwood	Stat IL	ZIP 60	0072	Country USA
Additional inventors are being named on thesup	pplemental Addition	ial Inventor(s)	sheet(s) PTO/SB/0	2A attached hereto.

Please type a plus sign (+) inside this box		+
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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Jerome C. Kolarczyk
Title	UNATTENDED GROUND
Group Art Unit	
Examiner Name	
Attomey Docket Number	NORTH-471A

I hereby appoint:		
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V 1	Name	Registration Number
Terry Ande		24,271
		27,271
	-	
		
<u></u>		
as my/our attorney(s) or business in the United S	r agent(s) to prosecute the application tates Patent and Trademark Office conr	identified above, and to transact all
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X Applicant/Inventor	_	
Application retitor	r.	
Assignee of reco	rd of the entire interest. See 37 CFR 3	174
Statement under	37 CFR 3.73(b) is enclosed. (Form P	D. (). TORPME
Otatomont uncor	or or to stoley is eliciosed. (Form F	TO/SB/90).
	SIGNATURE of Applicant or Assign	nee of Record
Name Jerome	e C. Kolarczyk	
Signature	me C Volarant	
	-19-04	
NOTE: Signatures of all the invent	tors or assignees of record of the entire interes	st or their representative(s) are required. Submit multiple
Torris ir more than one signature i	s required, see below".	
□ *Total ofform	ns are submitted.	

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First Named Inventor	Jerome C. Kolarczyk
Title	UNATTENDED GROUND
Group Art Unit	
Examiner Name	
Attorney Docket Number	NORTH-471A

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Name Registration Number
Terry Anderson
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Assignee of record of the entire interest. See 37 CFR 3.71.
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SIGNATURE of Applicant or Assignee of Record
Name Joseph J. Wisniewski
TVAINE
Singles Singles
Signature June 1031/08
Date / / / 03/108
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